

Emerging Technology Program Reports

General Publications

- SITE Emerging Technology Program (Brochure) (EPA/540/F-95/502)

ABB Environmental Services, Inc. - Two Zone PCE Bioremediation System

- Emerging Tech. Bulletin (EPA/540/F-95/510)

Aluminum Company of America - Bioscrubber for Removing Hazardous Organic Emission from Soil, Water, and Air Decontamination Process

- Emerging Tech. Bulletin (EPA/540/F-93/507)³
- Emerging Tech. Summary (EPA/540/SR-93/521)³
- Emerging Tech. Report (EPA/540/R-93/521) PB93-227025²
- Journal Article AWMA Vol. 44, No. 3, March 1994

Arizona State University - Integration of Photocatalytic Oxidation with Air Stripping of Contaminated Aquifers

- Emerging Tech. Summary (EPA/540/SR-98/504)
- Emerging Tech. Report (EPA/540/R-98/504)³ PB99-127920

Atomic Energy of Canada, Limited - Chemical Treatment and Ultrafiltration

- Emerging Tech. Bulletin (EPA/540/F-92/002)³

Babcock & Wilcox Co. - Cyclone Furnace (Soil Vitrification)

- Emerging Tech. Bulletin (EPA/540/F-92/010)
- Emerging Tech. Summary (EPA/540/SR-93/507)
- Emerging Tech. Report (EPA/540/R-93/507) PB93-163038²

Battelle Memorial Institute - In Situ Electroacoustic Soil Decontamination

- Emerging Tech. Summary (EPA/540/S5-90/004)³
- Emerging Tech. Report (EPA/540/5-90/004) PB90-204728²

Bio-Recovery Systems, Inc. - Removal and Recovery of Metal Ions from Groundwater (AlgaSORB)

- Emerging Tech. Bulletin (EPA/540/F-92/003)³
- Emerging Tech. Summary (EPA/540/S5-90/005)³
- Emerging Tech. Report (EPA/540/5-90/005a) PB90-252594²
- Emerging Tech. Report - Appendices

(EPA/540/5-90/005b) PB90-252602²

Biotrol, Inc. - Mehanotrophic Bioreactor System

- Emerging Tech. Bulletin (EPA/540/F-93/506)³
- Emerging Tech. Summary (EPA/540/SR-93/505)³
- Journal Article AWMA Vol. 45, No.1, Jan. 1995

Center for Hazardous Materials Research - Acid Extraction Treatment System for Treatment of Metal Contaminated Soils

- Emerging Tech. Summary (EPA/540/SR-94/513)³
- Emerging Tech. Report (EPA/540/R-94/513) PB94-188109²

-Simultaneous Destruction of Organics and Stabilization of Metals in Soils

- Emerging Tech. Summary (EPA/540/SR-98/500)
- Emerging Tech. Report (EPA/540/R-98/500)² PB98-133150

- Reclamation of Lead from Superfund Waste Material Using Secondary Lead Smelters

- Emerging Tech. Bulletin (EPA/540/F-94/510)
- Emerging Tech. Summary (EPA/540/SR-95/504)
- Emerging Tech. Report (EPA/540/R-95/504) PB9-199022²

Colorado School of Mines - Constructed Wetlands-Based Treatment

- Emerging Tech. Bulletin (EPA/540/F-92/001)³
- Emerging Tech. Summary (EPA/540/SR-93/523)
- Emerging Tech. Report (EPA/540/R-93/523) PB93-233914²

University of Dayton Research Institute - Development of a Photothermal Detoxification Unit

- Emerging Tech. Bulletin (EPA/540/F-95/505)³
- Emerging Tech. Summary (EPA/540/SR-95/526)³
- Emerging Tech. Report (EPA/540/R-95/526) PB95-255733²

Electro-Pure Systems, Inc. - Alternating Current Electrocoagulation Technology

- Emerging Tech. Bulletin (EPA/540/F-92/011)³
- Emerging Tech. Summary (EPA/540/S-93/504)³
- Journal Article AWMA Vol 43, No.5, May 1993

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Electrokinetics Inc. - Insitu Bio Remediation by Electrokinetic Injection

- Emerging Tech. Summary (EPA/540/SR-00/503)

Electrokinetics Inc. - Theoretical and Experimental Modeling of Multispecies.... Electrokinetic Soil Processing

- Emerging Tech. Bulletin (EPA/540/F-95/504)
- Emerging Tech. Summary (EPA/600/SR-97/054)
- Emerging Tech. Report (EPA/600/R-97/054)¹
PB97--193056²

Energy and Environmental Engineering - Laser-Induced Photochemical Oxidative Destruction

- Emerging Tech. Bulletin (EPA/540/F-92/004)
- Emerging Tech. Summary (EPA/540/SR-92/080)
- Emerging Tech. Report (EPA/540/R-92/080)
PB93-131431²

Energy and Environmental Research Corporation - Hybrid Fluidized Bed System

- Emerging Tech. Bulletin (EPA/540/F-93/508)

FERRO Corporation - Waste Vitrification Through Electric Melting

- Emerging Tech. Bulletin (EPA/540/F-95/503)

Florida International University (or Electron Beam Research Facility)

- Electron Beam Treatment for Removal of Benzene and Toluene from Aqueous Streams and Sludge

- Emerging Tech. Bulletin (EPA/540/F-93/502)³

- Electron Beam Treatment for the Trichloroethylene and Tetrachloroethylene from Aqueous Stream

- Emerging Tech. Bulletin (EPA/540/F-92/009)³

- Removal of Phenol from Aqueous Solutions Using High Energy Electron Beam Irradiation

- Emerging Tech. Bulletin (EPA/540/F-93/509)³

Institute of Gas Technology

- Chemical and Biological Treatment (CBT)

- Emerging Tech. Bulletin (EPA/540/F-94/504)³

- Fluid Extraction-Biological Degradation Process

- Emerging Tech. Bulletin (EPA/540/F-94/501)³

IT Corporation - Innovative Methods for Bioslurry Treatment

- Emerging Tech. Bulletin (EPA/540/F-96/505)
- Emerging Tech. Summary (EPA/540/SR-96/505)
- Emerging Tech. Report (EPA/540/R-96/505)
PB97-176820²

IT Corporation - Photolysis/Biodegradation of PCB and PCDD/PCDF Contaminated Soils

- Emerging Tech. Bulletin (EPA/540/F-94/502)
- Emerging Tech. Summary (EPA/540/SR-94/531)
- Emerging Tech. Report (EPA/540/R-94/531)
PB95-159992²

IT Corporation - Process for the Treatment of Volatile Organic Carbon & Heavy-Metal Contaminated Soil

- Emerging Tech. Bulletin (EPA/540/F-95/509)

J.R. Simplot - Anaerobic Destruction of Nitroaromatics (the SABRE Process)

- Journal Article App. Env. Micro, Vol. 58, No. 5, May 1992, pp. 1683-89

Matrix Photocatalytic, Inc. - Photocatalytic Water Treatment

- Published Paper (EPA/600/A-93/282)
PB94-130184²

Membrane Technology and Research, Inc. - Volatile Organic Compound Removal from Air Streams by Membrane Separation

- Emerging Tech. Bulletin (EPA/540/F-94/503)

M.L. Energia - Reductive Photo-Dechlorination Process for Safe Conversion of Hazardous Chlorocarbon Waste Streams

- Emerging Tech. Bulletin (EPA/540/F-94/508)

New Jersey Institute of Technology - GHEA Associates Process for Soil Washing and Wastewater Treatment

- Emerging Tech. Bulletin (EPA/540/F-94/509)

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PURUS, Inc. - Photolytic Oxidation Process [Destruction of Organic Contaminants in Air Using Advanced Ultraviolet Flashlamps]

- Emerging Tech. Bulletin (EPA/540/F-93/501)³
- Emerging Tech. Summary (EPA/540/SR-93/516)³
- Emerging Tech. Report (EPA/540/R-93/516)
PB93-205383²

Roy F. Weston, Inc. - Ambersorb 563 Adsorbent

- Emerging Tech. Bulletin (EPA/540/F-95/500)
- Emerging Tech. Summary (EPA/540/SR-95/516)
- Emerging Tech. Report (EPA/540/R-95/516)
PB95-264164²

University of Washington - Metals Treatment at Superfund Sites by Adsorptive Filtration

- Emerging Tech. Bulletin (EPA/540/F-92/008)³
- Emerging Tech. Summary (EPA/540/SR-93/515)³
- Emerging Tech. Report (EPA/540/R-93/515)
PB93-231165²

University of Wisconsin - Photo-electrocatalytic Degradation and Removal of Organic and Inorganic Contaminants from Ground Waters

- Demonstration Bulletin (EPA/540/F-01/502)
- Emerging Tech. Summary (EPA/540/SR-01/502)

Vortec Corporation - Vitrification

- Published Paper, Glass Production Technol
International , 1994, p. 103 - 106
- Emerging Tech. Summary (EPA/540/S-97/501)⁴

Wastewater Technology Centre - [A] Cross-Flow Pervaporation System [for Removal of VOC's from Contaminated Water]

- Emerging Tech. Bulletin (EPA/540/F-93/503)³
- Emerging Tech. Summary (EPA/540/SR-94/512)³
- Emerging Tech. Report (EPA/540/R-94/512)
PB94-170230²

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